



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - MARCH 2024

LAB NO: 20431

LAB NAME: **DIAGNOSTICS**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/03/2024

Date of Result Published: 06/04/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Transasia / Erba	1212	168.46	5.37	9.05	172.7 mg/dL	0.46	0.44
2	UREA	Urease UV / GLDH	Transasia / Erba	1028	26.16	11.14	2.91	29.12 mg/dL	1.01	0.41
3	CREATININE	Enzymatic Colorimetric	Transasia / Erba	892	0.99	12.31	0.12	0.97 mg/dL	-0.16	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	910	0.83	19.57	0.16	0.81 mg/dL	-0.12	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	1188	5.74	6.49	0.37	5.89 g/dL	0.40	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	1165	3.51	7.61	0.27	3.78 g/dL	1.00	0.01
7	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	1079	3.54	16.34	0.58	3.65 mg/dL	0.18	0.07
8	CHOLESTEROL	CHOD-PAP	Transasia / Erba	1129	115.97	5.49	6.36	119.2 mg/dL	0.50	0.51
9	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	1151	95.64	7.93	7.59	99.3 mg/dL	0.48	0.60
10	HDL	Direct method / Enzymatic colorimetric	Transasia / Erba	944	28.07	10.95	3.07	30.03 mg/dL	0.63	0.18
11	AST	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1130	58.2	9.44	5.49	60.2 U/L	0.36	0.72
12	ALT	UV kinetic(with & without PLP (P-5-P))	Transasia / Erba	1121	86.34	12.41	10.71	89.8 U/L	0.32	0.62
13	ALP	PNP AMP kinetic	Transasia / Erba	880	127.56	14.89	18.99	134.5 U/L	0.36	1.71



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u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

LAB ADDRESS

DIAGNOSTICS,
190B, RASHBEHARI AVENUE, KOLKATA,
West Bengal

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Homogeneity and Stability of the sample is passed.
Data in CMC EQAS reports is confidential.
CMC EQAS does not sub contract any components.
***** End of Report *****

Pamela Christudoss

Dr. Pamela Christudoss,
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Christian Medical College, Vellore.